Practitioner's Docket No.

944-001.008-1

PATENT

Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129.' " M.P.E.P. § 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Jan SUUMAKI, Hans KALLIO and Kalle AHMAVAARA Inventor(s):

WARNING: 37 C.F.R. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

Transfer of Optimization Algorithm Parameters During For (title):

Handover of a Mobile Station Between Radio Network

Subsystems

CERTIFICATION UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being 2000 deposited with the United States Postal Service on this date Nov. 20, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL 628637054 dressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Margery B. Hood

(type or print name of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

*WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal [4-1]—page 1 of 11)

. Type of Application
This new application for a(n)
(check one applicable item below)
Original (nonprovisional)
, □ Design
☐ Plant
WARNING: Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.
WARNING: Do not use this transmittal for the filing of a provisional application.
NOTE: If one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION.
☐ Divisional.
☐ Continuation.
☐ Continuation-in-part (C-I-P).
2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)
NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C.

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
 - (ii) Complete as set forth in § 1.51(b); or

§ 112. Each prior application must also be:

- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(New Application Transmittal [4-1]—page 2 of 11)

Citations

WA	RNII	VG:	When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).
	×	ti	The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
3 . i	Pap	ers	Enclosed
	(E	esi(ired for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153gn) Application
0	29	Pag	es of specification
	.,	_	ges of claims
/	<u>L</u>	She	eets of drawing
WA	RNII	VG:	DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).
NO	TE:	inve the on t	ntifying indicia, if provided, should include the application number or the title of the invention, ntor's name, docket number (if any), and the name and telephone number of a person to call in Office is unable to match the drawings to the proper application. This information should be placed the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top the page " 37 C.F.R. § 1.84(c)).
			(complete the following, if applicable)
		4	The enclosed drawing(s) are photograph(s), and there is also attached a PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. is 1.84(b).
	Ķ	Y f	ormal
] ii	nformal
В.	0	ther	Papers Enclosed
		Pag	jes of declaration and power of attorney
1	·	Pag	ges of abstract
		Oth	er
4.	Add	itio	nal papers enclosed
) <i>f</i>	Amendment to claims
		(Cancel in this applications claims before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
		E	Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered origina claims.)
) F	Preliminary Amendment
] }	nformation Disclosure Statement (37 C.F.R. § 1.98)
	_	1 5	Form PTO-1449 (PTO/SR/08A and 08R)

L	יט נ	ciaration Biological Deposit
Ε	pe	omission Sequence Listing," computer readable and/or amendment taining thereto for biotechnology invention containing nucleotide and/or ino acid sequence.
] Ai	horization of Attorney(s) to Accept and Follow Instructions from Representa-
	1 S	ecial Comments
_		ner
_		on or oath (including power of attorney)
		ly executed declaration is not required in a continuation or divisional application provided that
	the p by all appli the s by a being declar person	or nonprovisional application contained a declaration as required, the application being filed is or fewer than all the inventors named in the prior application, there is no new matter in the ation being filed, and a copy of the executed declaration filed in the prior application (showing nature or an indication thereon that it was signed) is submitted. The copy must be accompanied tatement requesting deletion of the names of person(s) who are not inventors of the application filed. If the declaration in the prior application was filed under § 1.47, then a copy of that ation must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning is under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently ed declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)–(3).
NOTE:	is dir abbr coun	aration filed to complete an application must be executed, identify the specification to which it cted, identify each inventor by full name including family name and at least one given name, without viation together with any other given name or initial, and the residence, post office address and y or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 § 1.63(a)(1)–(4).
NOTE:	as po as po is tha this	nventorship of a nonprovisional application is that inventorship set forth in the oath or declaration scribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration scribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under aragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name nes of the inventor or inventors." 37 C.F.R. § 1.41(a)(1).
] E	closed
	E	ecuted by
		(check all applicable boxes)
		inventor(s).
	C	legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.
		joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
		This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.
Ç	X N	ot Enclosed.
NOTE:	the may	e the filing is a completion in the U.S. of an International Application or where the completion of S. application contains subject matter in addition to the International Application, the application be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.
		Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all the above named inventor(s).
		(New Application Transmittal [4-1]—page 4 of 11)

(The de	eclaration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).
	☐ Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))
6. Invent	torship Statement
WARNING	If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.
The inve	entorship for all the claims in this application are:
	The same.
	or
	Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
	is submitted.
	☐ will be submitted.
7. Langu	age
Ar re	n application including a signed oath or declaration may be filed in a language other than English. In English translation of the non-English language application and the processing fee of \$130.00 quired by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. § 1.52(d).
alpha	English
	Non-English
	☐ The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).
8. Assigr	nment
Ø	An assignment of the invention to <u>Nokia Mobile Phones Ltd.</u>
	is attached. A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.
	🕱 will follow.
NOTE: "If an	an assignment is submitted with a new application, send two separate letters-one for the application d one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).
WARNING:	A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.
	(New Application Transmittal [4-1]—page 5 of 11)

Country	Appln. No.	Filed
Country	Appln. No.	Filed
Country	Appin. No.	Filed
from which priority is claime	·d·	
is (are) attached.		
will follow.		
NOTE: The foreign application for declaration. 37 C.F.R. §	forming the basis for the claim for priority must 1.55(a) and 1.63.	be referred to in the oath o
U.S. application or Intern. § 120 is itself entitled to	ign priority for which the application being filed ational Application from which this application of priority from a prior foreign application, then con ICATION TRANSMITTAL WHERE BENEFIT OF I	aims benefit under 35 U.S.C nplete item 18 on the ADDEL
10. Fee Calculation (37 C	.F.R. § 1.16)	
A. Regular application	on	
	0,440,40,50,50	
	CLAIMS AS FILED	
Number filed	Number Extra Rate	Basic Fee 37 C.F.R. § 1.16(a) \$690.00 7/0
Total Claims (37 C.F.R. § 1.16(c)) 4	$-20 = -0 - \times 18.00	-0-
Independent Claims (37 C.F.R.		
§ 1.16(b))	$-3 = -0 \times \$ 6.00$	
Multiple dependent claim(s),		
if any (37 C.F.R. § 1.16(d))	Ψ250.55	
	celling extra claims is enclosed.	
☐ Amendment cand		d.
☐ Amendment cand ☐ Amendment dele	celling extra claims is enclosed.	d.
☐ Amendment cand ☐ Amendment dele ☐ Fee for extra claims NOTE: If the fees for extra claims	celling extra claims is enclosed. Iting multiple-dependencies is enclose ims is not being paid at this time. It is are not paid on filing they must be paid or the claim of the time period set for response by the Patent	ims cancelled by amendmer and Trademark Office in an
☐ Amendment cand ☐ Amendment dele ☐ Fee for extra claims prior to the expiration of	celling extra claims is enclosed. Iting multiple-dependencies is enclose ims is not being paid at this time. It is are not paid on filing they must be paid or the claim of the time period set for response by the Patent	ims cancelled by amendmer
☐ Amendment cand ☐ Amendment dele ☐ Fee for extra claims prior to the expiration of	celling extra claims is enclosed. Iting multiple-dependencies is enclose ims is not being paid at this time. It is are not paid on filing they must be paid or the claim of the time period set for response by the Patent 37 C.F.R. § 1.16(d). Filing Fee Calculation	ims cancelled by amendmer and Trademark Office in an

(New Application Transmittal [4-1]—page 6 of 11)

C.		Plant application (\$480.00—37 C.F.	R. § 1.16(g))		
			Filing fee calculation	on	\$
11.	Sma	II Entity Statemen	t(s)		
		Statement(s) that t is (are) attached.	his is a filing by a si	mall entity under 3	37 C.F.R. § 1.9 and 1.27
WA.	RNING	the status is available affect any other applicated a continued prosecula new determination application. A nonprosecula for a new determination application or in the reference to the statement in the profer purposes of this	e and desired. Status as olication or patent, incluupon the application or pion under § 1.53 as a cotion application under § as to continued entitlementistion, or a reissue appatent if the nonprovision tement in the prior application or in the pt of the small entity basic section." 37 C.F.R. § 1.	a small entity in one a ding applications or patent in which the sta- ntinuation, division, or 1.53(d)), or the filing of ent to small entity statu- ming benefit under 35 application may rely on onal application or the lication or in the pat- atent and status as a statutory filing fee will 28(a)(2).	application or patent in which application or patent does not patents which are directly or atus has been established. The continuation-in-part (including f a reissue application requires us for the continuing or reissue 5 U.S.C. § 119(e), 120, 121, or a statement filed in the prior reissue application includes a ent or includes a copy of the small entity is still proper and be treated as such a reference
WA	RNING	can unequivocally i 1996 (emphasis add	make the required self-co led).	ertification." M.P.E.P.,	sons signing the statement § 509.03, 6th ed., rev. 2, July
		(cc	emplete the followin	g, if applicable)	
			entity was claimed		
			, filed of for this application		, from which benefit
		35 U.S.C. § □		andon.	
		_	120,		
			121,		
			365(c),		
		and which statu	s as a small entity	is still proper and	d desired.
		☐ A copy of t	ne statement in the	prior application	is included.
		Filing Fee Ca	Iculation (50% of A	, B or C above)	
			\$		
NO	а	Any excess of the full fee are filed within 2 month extendable under § 1.13	s of the date of timely	mall entitiy status is expayment of a full fee.	stablished and a refund request . The two-month period is not
12.	Req	uest for Internation	onal-Type Search (37 C.F.R. § 1.10	4(d))
			(complete, if a	oplicable)	
			n international-type s amination on the m		nis application at the time

		ment Fine Made at This Time	
	×	No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. subsequently.)	§ 1.16(e) can be paid
] End	closed	
		Filing fee	\$
		Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)	\$
		Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i))	\$
		For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$
		Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))	\$
		Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$
NOTE:	failing 37 C.F either	.R. § 1.21(I) establishes a fee for processing and retaining any app to complete the application pursuant to 37 C.F.R. § 1.53(f) and to .R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the ben the basic filing fee must be paid, or the processing and retention 1 year from notification under § 53(f).	his, as well as the changes to efit of a prior U.S. application,
		Total fees enclosed	\$
14. M	ethod	of Payment of Fees	
[☐ Ch	eck in the amount of \$	
[arge Account No.	in the amount of
		duplicate of this transmittal is attached.	
NOTE:	Fees s § 1.22	hould be itemized in such a manner that it is clear for which purpo (b).	se the fees are paid. 37 C.F.R.

(New Application Transmittal [4-1]-page 8 of 11)

15. Authorization to Charge Additional Fees WARNING: If no fees are to be paid on filing, the following items should not be completed. WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges,

if extra claim charges are authorized.

The Commissioner is hereby authorized to charge the following additional fees

- - 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)
- NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.
 - ☐ 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
 - ☐ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)).
 - ☐ 37 C.F.R. § 1.17 (application processing fees)
- NOTE: ". . A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).
 - ☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b).
- NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . . the issue fee. . . " From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

(New Application Transmittal [4-1]—page 9 of 11)

10. 1113	dructions as the respansion
NOTE:	" Amounts of ty-five dollars or less will not be returned unless infically requested with a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars me be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).
	Credit Account No
Ε] Refund

Reg. No. 31,391

Tel. No. (203 261-1234

Customer No. 004955

Francis J. Maquire

(type or print name of attorney)

WARE, FRESSOLA, VAN DER SLUYS & ADOLPHSON L

P.O. Address

755 Main Street, PO Box 224

Monroe Ct 06468 (New Application Transmittal [4-1]—page 10 of 11)

FORM 4-1 4-12

(Rel.82A—12/99 Pub.605)

	prior U.S. application(s) (includi stage as a continuation, division	application in this transmittal claims the benefit on Ing an international application entering the U.S In all or C-I-P application) and complete and attack PPLICATION TRANSMITTAL WHERE BENEFIT OF
	Plus Added Pages for New A Application(s) Claimed	pplication Transmittal Where Benefit of Prior U.S Number of pages added
	☐ Plus Added Pages for Paper	s Referred to in Item 4 Above Number of pages added
	Plus added pages deleting r who is/are no longer inventor	names of inventor(s) named in prior application(s (s) of the subject matter claimed in this application Number of pages added
	☐ Plus "Assignment Cover Lett	rer Accompanying New Application" Number of pages added
1	Statement Where No Further Pag	

th this page and check the following item)

This transmittal ends with this page.

PATENT

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 C.F.R. § 1.78.

17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach.

(complete the following, if applicable)

See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

Amend the specification by inserting, before the first line, the following sentence:

A. 35 U.S.C. § 119(e)

NOTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

"This application claims the benefit of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:	FILING DATE
60 / 167,924	Nov. 29, 1999
/	
/	

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

[4-1.1]—page 1 of 5)

B.	35	U.S.C.	§§	120, 121	and	365	(C
----	----	--------	----	----------	-----	-----	----

NOTE:	claimin applica first sei it by a numbe	pt for a continued prosecution application filed under § 1.53(d), ing the benefit of one or more prior filed copending nonprovision ations designating the United States of America must contain or entence of the specification following the title a reference to each su application number (consisting of the series code and serial number and international filing date and indicating the relationship of inces to other related applications may be made when appropria B(a)(2).	al applications or international be amended to contain in the sch prior application, identifying per) or international application the applications Cross-
] "Tr	his application is a	
		continuation	
		continuation-in-part	
		divisional	
c	of cop	ending application(s)	
] ap _l	plication number 0 /	filed on"
] Inte	ernational Application	filed on
		and which designated the	ne U.S."
NOTE:		roper reference to a prior filed PCT application that entered the number and the filing date of the PCT application that designate	
NOTE:	the filir	nere the application being transmitted adds subject matter to the ing can be as a continuation-in-part or (2) if it is desired to do so t e as a continuation.	• • • • •
NOTE:		leadline for entering the national phase in the U.S. for an interna Notice of April 28, 1987 (1079 O.G. 32 to 46) as follows:	tional application was clarified
	month Prelimi and ur which from to to the interna 20 or 3 States as para	Patent and Trademark Office considers the International application from the priority date if the United States has been designated an innary Examination has been filed prior to the expiration of the 19th intil the 32nd month from the priority date if a Demand for International the United States of America has been filed prior to the elected the United States of America has been filed prior to the priority date, provided that a copy of the international application application application has not been communicated to the Patent and 30 month period respectively, the international application becomes 20 or 30 months from the priority date respectively. These period regraph (h) of § 1.494 and paragraph (i) of § 1.495. A continuing application be filed anytime during the pendency of the international	nd no Demand for International th month from the priority date ational Preliminary Examination of expiration of the 19th month ation has been communicated if respectively. If a copy of the ad Trademark Office within the es abandoned as to the United is have been placed in the rules olication under 35 U.S.C. 365(c)
] "T ì	he nonprovisional application designated above, na	mely application
		, filed	, claims the benefit of
	U.S	S. Provisional Application(s) No(s).:	
APPLIC	ATIOI	N NO(S).:	FILING DATE
	/		#I
	/		n
	/		n
		here more than one reference is made above, pleas to one sentence.	e combine all references

18. Relate Back—35 U.S.C. § 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

		Country	Appin. no.	Filed on			
The certified copy(ies) has (have)							
		been filed on		/, which was			
		is (are) attached.					
WAF		the International Bureau application in the contapplication communica a U.S. serial number unk stage is not entered. The prosecution of a continuous from the foldourments from the foldenter and make a record the priority documents stage may not be relied.	may not be relied on without any ne tinulng application. This is so bec- ted by the International Bureau is p ass the national stage is entered. Such perefore, such certified copies may using application. An alternative woulders and transfer them to the continua- tive the folders, make suitable record of of such copies in the Continuing Ap- in folders of international application. If on. Notice of April 28, 1987 (1075)				
19.	Mai	ntenance of Cope	ndency of Prior Applica	ition			
NOTE: The PTO finds it useful if a copy of the petition filed in the prior application extending the term for response is filed with the papers constituting the filing of the continuation application. Notice of November 5, 1985 (1060 0.G. 27).							
A.		Extension of time in	prior application				
	(This item must be completed and the papers filed in the prior application, if the period set in the prior application has run.):						
		A petition, fee and reuntil	esponse extends the term in	the pending prior application			
		☐ A copy of the p	petition filed in prior applicat	ion is attached.			
В.		Conditional Petition	for Extension of Time in Pri	or Application			
		(complete th	is item, if previous item not	applicable)			
		A conditional petition application.	n for extension of time is be	eing filed in the pending prior			
		☐ A copy of the c	onditional petition filed in the	e prior application is attached.			
				•			

20. Further Inventorship Statement Where Benefit of Fior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

(a)	Ш	This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are				
			the same.			
			less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:			
			(type name(s) of inventor(s) to be deleted)			
(b)		This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are				
			the same.			
			the following additional inventor(s) have been added:			
			(type name(s) of inventor(s) to be added)			
(c)		The	inventorship for all the claims in this application are			
			the same.			
			not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made			
			is submitted.			
			☐ will be submitted.			

21. Abandonment of Prior Application (if applicable)
Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.
NOTE: According to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in- part application is a proper response with respect to a petition for extension of time or a petition to revive and should include the express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing date to the continuing application.
22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment
WARNING: "The claims of a new application may be finally rejected in the first Office action in those situations where (A) the new application is a continuing application of, or a substitute for, an earlier application, and (B) all the claims of the new application (1) are drawn to the same invention claimed in the earlier application, and (2) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." M.P.E.P., § 706.07(b), 7th ed.
NOTE: Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered, it may be desirable to file a petition for suspension of prosecution for the time necessary.
(check the next item, if applicable)
☐ There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently)
23. Small Entity (37 C.F.R. § 1.28(a))
Applicant has established small entity status by the filing of a statement in parent application / on
A copy of the statement previously filed is included.
WARNING: See 37 C.F.R. § 1.28(a).
WARNING: "Small entity status must not be established when the person or persons signing the statemen can unequivocally make the required self-certification." M.P.E.P., § 509.03, 7th ed. (emphasis added).
24. NOTIFICATION IN PARENT APPLICATION OF THIS FILING
☐ A notification of the filing of this (check one of the following)
continuation
☐ continuation-in-part
divisional
is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed [4-1.1]—page 5 of 5)